

PATENT
674509-2020**IN THE CLAIMS:**

Kindly amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents as follows:

D1
1. (Twice Amended) In a process for the addition of an anti-oxidant to a foodstuff, which foodstuff comprises or is obtained from a plant or part thereof, the improvement comprising expressing in the plant or part thereof a recombinant enzyme which acts on a glucan substrate present in the plant or part thereof to yield said anti-oxidant; wherein said recombinant enzyme is glucan lyase; wherein said antioxidant is anhydrofructose; and wherein both said glucan lyase and anhydrofructose are produced *in situ* with the plant or part thereof, such that the foodstuff comprises the antioxidant anhydrofructose.

D2 *mis 7*
9. (Twice Amended) In the process according to claim 1, wherein the enzyme is encoded by a nucleotide sequence having any one of the sequences shown as SEQ ID NOs: 7-12.

D3
21. (Twice Amended) In a process for improving the transformation of a plant, which process comprises the addition of an antioxidant; the improvement comprising expressing in the plant or part thereof a recombinant enzyme which acts on a glucan substrate present in the plant or part thereof to yield the antioxidant; wherein said recombinant enzyme is glucan lyase; wherein said antioxidant is anhydrofructose; and wherein both the glucan lyase and the anhydrofructose are produced *in situ* in the plant or part thereof, such that the plant comprises the antioxidant anhydrofructose and said anhydrofructose improves the transformation of said plant.

Please add the following claims:

26. (New) In the process according to claim 1, wherein the foodstuff comprises a beverage.

27. (New) In the process according to claim 26, wherein the beverage is wine.

28. (New) In the process according to claim 21, wherein the plant is grape.

29. (New) In the process according to claim 1, wherein the enzyme is encoded by a nucleotide sequence having at least 75% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

D4 *mis 7*
30. (New) In the process according to claim 1, wherein the enzyme is encoded by a nucleotide sequence having at least 85% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

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31. (New) In the process according to claim 1, wherein the enzyme is encoded by a nucleotide sequence having at least 90% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

32. (New) In the process according to claim 21, wherein the recombinant enzyme is encoded by any one of the sequences shown as SEQ ID NOs: 7-12.

33. (New) In the process according to claim 21, wherein the enzyme is encoded by a nucleotide sequence having at least 75% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

34. (New) In the process according to claim 21, wherein the enzyme is encoded by a nucleotide sequence having at least 85% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

35. (New) In the process according to claim 21, wherein the enzyme is encoded by a nucleotide sequence having at least 90% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

36. (New) In the process according to claim 28, wherein the recombinant enzyme is encoded by any one of the sequences shown as SEQ ID NOs: 7-12.

37. (New) In the process according to claim 28, wherein the enzyme is encoded by a nucleotide sequence having at least 75% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

38. (New) In the process according to claim 28, wherein the enzyme is encoded by a nucleotide sequence having at least 85% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

39. (New) In the process according to claim 28, wherein the enzyme is encoded by a nucleotide sequence having at least 90% homology to any one of the sequences shown as SEQ ID NOs: 7-12.

Please cancel claims 2-8, 10-20 and 22-25 without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents.